

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

110197.403

APPLICATION NO.

10/015,956

APPLICANT

David A. Tirrell et al.

FILING DATE

December 10, 2001

GROUP ART UNIT

1656

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
			YES NO
AB			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/AR/	AC	Caldwell, S., et al., "Limits of diffusion in the hydrolysis of substrates by the phosphotriesterase from <i>Pseudomonas diminuta</i> ," <i>Biochemistry</i> , 30(30):7438-44, July 30, 1991.
	AD	Drmanac, R., et al., "cDNA screening by array hybridization," <i>Methods Enzymol.</i> , 303:165-78, 1999.
	AE	Ekins, R., et al., "Multianalyte microspot immunoassay--microanalytical "compact disk" of the future," <i>Clin Chem.</i> , 37(11):1955-67, November 1991.
	AF	Hentz, N., et al., "Bifunctional fusion proteins of calmodulin and protein A as affinity ligands in protein purification and in the study of protein-protein interactions," <i>Anal Chem.</i> , 68(22):3939-44, November 15, 1996.
	AG	Khrapko, K., et al., "A method for DNA sequencing by hybridization with oligonucleotide matrix," <i>DNA Seq.</i> , 1(6):375-88, 1991.
	AH	Krejchi, M., et al., "Chemical sequence control of beta-sheet assembly in macromolecular crystals of periodic polypeptides," <i>Science</i> , 265(5177):1427-32, September 2, 1994.
	AI	Lemmo, A., et al., "Inkjet dispensing technology: applications in drug discovery," <i>Curr Opin Biotechnol.</i> , 9(6):615-7, December 1998.
	AJ	Ljungquist, C., et al., "Immobilization and affinity purification of recombinant proteins using histidine peptide fusions," <i>Eur J Biochem.</i> , 186(3):563-9, December 22, 1989.
	AK	Matson, R., et al., "Biopolymer synthesis on polypropylene supports. I. Oligonucleotides," <i>Anal Biochem.</i> , 217(2):306-10, March 1994.
	AL	Messing, R., ed., <i>Immobilized Enzymes for Industrial Reactors</i> , Academic Press, New York, 1975, Ch. 5, "Immobilization by Adsorption and Inorganic Bridge Formation," pp. 79-98.

EXAMINER

/Agnes Rooke/ (10/02/2008)

DATE CONSIDERED

10/02/2008

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
BB					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/AR/	BC	McGrath, K., et al., "Genetically directed syntheses of new polymeric materials, expression of artificial genes encoding proteins with repeating -(AlaGly) ₃ ProGluGly- elements," <i>J. Am. Chem. Soc.</i> , 114:727-733, 1992.
↓	BD	Mulbry, W., et al., "Parathion hydrolase specified by the Flavobacterium opd gene: relationship between the gene and protein," <i>J Bacteriol.</i> , 171(12):6740-6, December 1989.
	BE	Okamoto, T., et al., "Microarray fabrication with covalent attachment of DNA using bubble jet technology," <i>Nat Biotechnol.</i> , 18(4):438-41, April 2000.
	BF	Omburo, G., et al., "Characterization of the zinc binding site of bacterial phosphotriesterase," <i>J Biol Chem.</i> 267(19):13278-83, July 5, 1992.
	BG	Ong, E., et al., "Enzyme immobilization using the cellulose-binding domain of a <i>cellulomonas fimi</i> exoglucanase," <i>Bio/technology</i> , 7:604-607, 1989.
	BH	Piesecki, S., et al., "Immobilization of β -Galactosidase for application in organic chemistry using a chelating peptide," <i>Biotechnology and Bioengineering</i> , 42:178-184, 1993
	BI	Sassenfeld, H., "Engineering proteins for purification," <i>Trends Biotechnol.</i> , 8(4):88-93, April 1990.
	BJ	Schena, M., et al., "Quantitative monitoring of gene expression patterns with a complementary DNA microarray," <i>Science</i> , 270(5235):467-70, October 20, 1995.
	BK	Stempfer, G., et al., "A fusion protein designed for noncovalent immobilization: stability, enzymatic activity, and use in an enzyme reactor," <i>Nat Biotechnol.</i> , 14(4):481-4, April 1996.
↓	BL	Wierzbza, A., et al., "Production and properties of a bifunctional fusion protein that mediates attachment of vero cells to cellulosic matrices," <i>Biotechnology and Bioengineering</i> , 47:147-154, 1995.

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